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<211> 2075

<212> DNA

<213> Homo sapiens

<400> 497

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2075

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<211> 1904

<212> DNA

<213> Homo sapiens

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<211> 2871

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

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<222> (1642)

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<211> 1624

<212> DNA

<213> Homo sapiens

<400> 500

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<211> 848

<212> DNA

<213> Homo sapiens

<400> 501

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<210> 502

<211> 3192

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<400> 502

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<211> 683

<212> DNA

<213> Homo sapiens

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<220>

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<222> (626)

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<222> (648)

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<210> 504

<211> 2196

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (18)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2104)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2148)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2196)

<223> n equals a,t,g, or c

<400> 504

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<210> 505

<211> 949

<212> DNA

<213> Homo sapiens

<400> 505

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<210> 506

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (359)
 <223> n equals a,t,g, or c

<220>
 <221> misc feature
 <222> (360)
 <223> n equals a,t,g, or c

<220>
 <221> misc feature
 <222> (361)
 <223> n equals a,t,g, or c

<400> 506
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<210> 507
 <211> 2059
 <212> DNA
 <213> Homo sapiens

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 <222> (6)
 <223> n equals a,t,g, or c

<220>
 <221> misc feature
 <222> (8)
 <223> n equals a,t,g, or c

<220>
 <221> misc feature
 <222> (18)
 <223> n equals a,t,g, or c

<400> 507
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<210> 508

<211> 1337

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (726)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (772)

<223> n equals a,t,g, or c

<400> 508

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<210> 509

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (10)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (33)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (720)

<223> n equals a,t,g, or c

<400> 509

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cttcttgggg g 731

<210> 510
<211> 944
<212> DNA
<213> Homo sapiens

<400> 510
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<210> 511
<211> 517
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (449)
<223> n equals a,t,g, or c

<400> 511
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<210> 512
<211> 3651
<212> DNA
<213> Homo sapiens

<220>

<221> misc feature
<222> (1283)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (3641)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (3650)
<223> n equals a,t,g, or c

<400> 512
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<210> 513

<211> 1936

<212> DNA

<213> Homo sapiens

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<210> 514

<211> 1177

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (24)

<223> n equals a,t,g, or c

<400> 514

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<210> 515

<211> 932

<212> DNA

<213> Homo sapiens

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<221> misc feature
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<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (880)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (911)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (912)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (921)
<223> n equals a,t,g, or c

<400> 515
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gaggacgggt ccttggtat caccagagt attgaagacg acccacttct ggatgccag 180
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<210> 516
<211> 1159
<212> DNA
<213> Homo sapiens

<400> 516
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<210> 517

<211> 2451

<212> DNA

<213> Homo sapiens

<400> 517

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<210> 518

<211> 989

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (336)

<223> n equals a,t,g, or c

<220>

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<222> (871)

<223> n equals a,t,g, or c

<220>

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<222> (891)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (910)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (913)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (926)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (947)

<223> n equals a,t,g, or c

<400> 518

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<210> 519

<211> 3315

<212> DNA

<213> Homo sapiens

<400> 519

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<210> 520

<211> 2361

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<213> Homo sapiens

<220>

<221> misc feature

<222> (2121)

<223> n equals a,t,g, or c

<400> 520

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<210> 521

<211> 2521

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

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<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2477)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2516)

<223> n equals a,t,g, or c

<400> 521

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2521

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<211> 1303
<212> DNA
<213> Homo sapiens

<220>
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<222> (1279)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1286)
<223> n equals a,t,g, or c

<400> 522
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<210> 523
<211> 1100
<212> DNA
<213> Homo sapiens

<400> 523
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<210> 524

<211> 1963

<212> DNA

<213> Homo sapiens

<400> 524

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<210> 525

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (782)

<223> n equals a,t,g, or c

<400> 525

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<210> 526

<211> 2599

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (57)

<223> n equals a,t,g, or c

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<222> (2410)

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<222> (2461)

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<221> misc feature
<222> (2500)
<223> n equals a,t,g, or c

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<210> 527

<211> 1305

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1293)

<223> n equals a,t,g, or c

<400> 527

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<210> 528

<211> 1631

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1628)

<223> n equals a,t,g, or c

<400> 528

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gggggggncc c 1631

<210> 529

<211> 1944

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (568)

<223> n equals a,t,g, or c

<400> 529

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gggtggccac cgggagctct tggctgcac ttctccctgc cccacccca ctatgacctt 180
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1944

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<210> 530

<211> 1425

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1409)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1411)

<223> n equals a,t,g, or c

<400> 530

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<210> 531

<211> 1466

<212> DNA

<213> Homo sapiens

<400> 531

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gaccatcact cattaagaac agaggaggct gcctgttact cctggtgttg catccctcca 180
gacactctgc tgtttcctgc ctaggcgtgg ctgcagccat ggctaggaaa gcgctgccac 240
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aaaaaaaaaa aaaaaaaaaa aaaaaa 1466

<210> 532

<211> 1658

<212> DNA

<213> Homo sapiens

<400> 532

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ccccgcggcg cgccgcagc gccatgctag ccttgcgcggt ggccgcgcggc tcgtgggggg 180
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<210> 533

<211> 2857

<212> DNA

<213> Homo sapiens

<400> 533

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<210> 534

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (35)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1334)

<223> n equals a,t,g, or c

<400> 534

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<210> 535

<211> 2818

<212> DNA

<213> Homo sapiens

<400> 535

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<211> 1397

<212> DNA

<213> Homo sapiens

<400> 536

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<210> 537

<211> 1233

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (1111)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1122)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1137)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1202)

<223> n equals a,t,g, or c

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<210> 538
<211> 1016
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (147)
<223> n equals a,t,g, or c

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<211> 1679
<212> DNA
<213> Homo sapiens

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<210> 540

<211> 1080

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (970)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (978)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1027)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1044)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1067)

<223> n equals a,t,g, or c

<400> 540

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<210> 541

<211> 2259

<212> DNA

<213> Homo sapiens

<220>

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<220>

<221> misc feature

<222> (2242)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2247)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2250)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2253)

<223> n equals a,t,g, or c

<400> 541

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<210> 542

<211> 1347

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1290)

<223> n equals a,t,g, or c

<400> 542

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<210> 543

<211> 1901

<212> DNA

<213> Homo sapiens

<400> 543

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aggggcgtgg ttgctctcca gaccctacga aaattagttg aacttactca gaagccagtt 180
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cactagctta ttcttccttg ttataaaatg gtttgaactt actgaggaga tattcctatc 1860
attaacaaaa ataaactatt taaataawaa aaaagtcgac g 1901

<210> 544

<211> 842

<212> DNA

<213> Homo sapiens

<400> 544

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<210> 545

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (641)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (652)

<223> n equals a,t,g, or c

<400> 545

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accgggtcca gacccacgcg gcgccagttc tccggcgga aggaaaaccg cgcagagg 180
cagcaatgaa tgtggatcac gaggttaacc tcttagtgga ggaaattcat cgtttgggt 240
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ggaatataaa gtgaaagaac aaacatttga acatacttaa tgtattttta tagaactttg 540
taaacgaaag gagattcatg ttttagaagt ctgtcctttt ttatatcttg aaagaaaatc 600

tatgtatgat gctataaaat aaatcctatt attttctmag natmtggttg anattctgcg 660
aaagcaacaw gcaaactgaa gaccaactcc tatgagaaat attatgatgt ttatgtaata 720
aagacatgta actgtcttaa awwwaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaa 778

<210> 546

<211> 2142

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (32)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (225)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (619)

<223> n equals a,t,g, or c

<400> 546

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aagtcagatc atgaagaact ttcaggctcc tccacaaatc tcgctgacca taacccttct 180
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cagtgggggc catgcttccc agagcggaga caacagcagt gagcaagggg atggtttaga 300
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aggacttaca attctccaag taaacaactg gtttattaat gccagaagaa gaatagtaca 540
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agcagcatat agtcagang gtcagcccat ggggagcttt gtgttgatg gtcascaaca 660
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tttttgaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaactc ga 2142

<210> 547

<211> 1893

<212> DNA

<213> Homo sapiens

<400> 547

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agcatgaatt ggaactgcaa tgaaagtcaa atttacttta aaaagaaatt aatatggctt 180
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tcattttaaa atgtcttggg cttctactgc cttgaaaaat gacaattgtg aacatgatag 420
ttaaactacc acttttttta accattatta tgcaaaattt agaagaaaag ttattggcat 480
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ccgctgcccc atgtgtcctg gtgagaaaaa atatgcctgg cacagctttt gtatagaaaa 720
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ccttttttaa aaaaaaaaaa aaaaaaaaaa aaa 1893

<210> 548

<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (61)
<223> n equals a,t,g, or c

<400> 548
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ccagttctta cttgcctgtg cagactttga ggggaagggt gtgaagactt cggttgtgtt 180
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aggtgaagga tactgggttt ttagatgcct tgtccatcct gtctgggtgc aatgttttgc 480
tcccagaaga gaatcagatc atcatgtggg gattaccatt gttcctggag tactcctacc 540
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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 630

<210> 549
<211> 586
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (508)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (510)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (514)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (573)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (583)
<223> n equals a,t,g, or c

<400> 549

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gcaagcgcag ccgcaaagag agctactcca tctacgtgta caaggtgctg aagcaggtcc 180
accccgacac cggcatctcg tccaaggcca tgggcatcat gaactccttc gtcaacgaca 240
tcttcgagcg catcgsggga gaggttccc gcctggcgca ctacaacaag cgctccacca 300
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ccgggacctg gcgctcgctc gctcgagtcg ccggctgctt gactycaaa gctcttttca 480
garccacca cctaactact agaaaarnan cttnngttcac ttaatttccc ctttaatttc 540
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<210> 550

<211> 1586

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1574)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1578)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1585)

<223> n equals a,t,g, or c

<400> 550

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<210> 551

<211> 2143

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1602)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2086)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2097)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2140)

<223> n equals a,t,g, or c

<400> 551

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cgtttgaggg gtcacaaaga agggattgta cagactgaac agattaggtc tttgtctgaa 180
gctatgtcag tggaaaaaat tgctgcaatc aaagccaaaa ttatggctaa gaaaagatct 240
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ccatggatat acactgraat ctgtaacgga ggggtgcatct gcccggaaga ctgagactcc 660
tgcagccagc ccagtaccaa gaccagtttc tcaagcwaga cctcccccaa atcagaagaa 720
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<210> 552

<211> 1634

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<223> n equals a,t,g, or c

<220>

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<222> (1468)

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<222> (1509)

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<221> misc feature

<222> (1519)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (1566)

<223> n equals a,t,g, or c

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<222> (1608)

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<222> (1623)

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<221> misc feature

<222> (1629)

<223> n equals a,t,g, or c

<400> 552

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<210> 553

<211> 278

<212> DNA

<213> Homo sapiens

<400> 553

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gagccaggag ctytgccacc aacaggaggc cctgtggrag ctcctgacca ccgagctgat 240
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<210> 554

<211> 2658

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<223> n equals a,t,g, or c

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<221> misc feature

<222> (1292)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2128)

<223> n equals a,t,g, or c

<400> 554

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<210> 555

<211> 1728

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1517)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1525)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1641)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1642)

<223> n equals a,t,g, or c

<400> 555

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<210> 556

<211> 3355

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (210)

<223> n equals a,t,g, or c

<400> 556

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<210> 557

<211> 1079

<212> DNA

<213> Homo sapiens

<220>
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<222> (187)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (641)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1042)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1055)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1064)
<223> n equals a,t,g, or c

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<210> 558
<211> 724
<212> DNA
<213> Homo sapiens

<400> 558

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<212> DNA

<213> Homo sapiens

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<211> 2645

<212> DNA

<213> Homo sapiens

<400> 560

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<211> 1717

<212> DNA

<213> Homo sapiens

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<220>

<221> misc feature

<222> (427)

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<400> 561

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<211> 2417

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (2386)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2398)

<223> n equals a,t,g, or c

<400> 562

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<211> 1544

<212> DNA

<213> Homo sapiens

<400> 563

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<211> 2299

<212> DNA

<213> Homo sapiens

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<220>

<221> misc feature

<222> (180)

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<400> 564

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<210> 565

<211> 364

<212> DNA

<213> Homo sapiens

<400> 565

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cagcaagtgc tacttccaag ctcaagcccc ctgtcactat gaggggaaat attttaccct 300
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ggct 364
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<210> 566

<211> 2481

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1213)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1214)

<223> n equals a,t,g, or c

<400> 566

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cttctctac gccgactttg tgcggggcct cttgctgcc aacctgccct gcgtgttttc 180
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```

<210> 567

<211> 1364

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1362)

<223> n equals a,t,g, or c

<400> 567

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<210> 568

<211> 1606

<212> DNA

<213> Homo sapiens

<400> 568

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tctcaggggg catagacttc aaccagcctt tggctcatcac caggattaca ccaggaagca 180
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<210> 569

<211> 1385

<212> DNA

<213> Homo sapiens

<400> 569

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aaaaa 1385

<210> 570

<211> 1144

<212> DNA

<213> Homo sapiens

<400> 570

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<210> 571

<211> 2754

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2610)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2611)

<223> n equals a,t,g, or c

<400> 571

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<210> 572

<211> 2657

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1285)

<223> n equals a,t,g, or c

<400> 572

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2657

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<210> 573

<211> 2352

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2096)

<223> n equals a,t,g, or c

<400> 573

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aaaaagtcga cc 2352

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<210> 574

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (9)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (10)

<223> n equals a,t,g, or c

<400> 574

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ccgcagcagt ggatagaggt gcagatct 328
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<210> 575

<211> 1678

<212> DNA

<213> Homo sapiens

<400> 575

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<210> 576

<211> 2508

<212> DNA

<213> Homo sapiens

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<221> misc feature
<222> (2443)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2464)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2472)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2494)
<223> n equals a,t,g, or c

<400> 576
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<210> 577

<211> 1531

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (431)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (433)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (435)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1525)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1530)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1531)

<223> n equals a,t,g, or c

<400> 577

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<210> 578

<211> 1244

<212> DNA

<213> Homo sapiens

<400> 578

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<210> 579
<211> 2525
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (22)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (76)
<223> n equals a,t,g, or c

<400> 579
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<210> 580

<211> 4006

<212> DNA

<213> Homo sapiens

<400> 580

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<211> 565

<212> DNA

<213> Homo sapiens

<400> 581

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<210> 582

<211> 2528

<212> DNA

<213> Homo sapiens

<400> 582

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<210> 583

<211> 507

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (485)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (493)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (501)

<223> n equals a,t,g, or c

<400> 583

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<211> 1931

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<222> (8)

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<221> misc feature

<222> (21)

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<221> misc feature

<222> (1871)

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<221> misc feature

<222> (1899)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1907)

<223> n equals a,t,g, or c

<400> 584

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1931

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<211> 1020

<212> DNA

<213> Homo sapiens

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<222> (1006)

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<220>

<221> misc feature

<222> (1018)

<223> n equals a,t,g, or c

<400> 585

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<210> 586

<211> 767

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (617)

<223> n equals a,t,g, or c

<400> 586

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<210> 587

<211> 847

<212> DNA

<213> Homo sapiens

<400> 587

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<210> 588

<211> 2158

<212> DNA

<213> Homo sapiens

<400> 588

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<210> 589

<211> 2299

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (342)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (772)

<223> n equals a,t,g, or c

<400> 589

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cttcttttgt ttggtagaaa attatccttt tctaaaaact gracmatggc acaacctctg 2220
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tggagaagat gcaggccca 2299

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<210> 590

<211> 2180

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1353)

<223> n equals a,t,g, or c

<400> 590

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cccgggccgt gcaaggcatg ctggactttg actatgtctg ctcccgagac gagccctcag 180
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<210> 591

<211> 1193

<212> DNA

<213> Homo sapiens

<400> 591

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<210> 592

<211> 2002

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1914)

<223> n equals a,t,g, or c

<400> 592

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<210> 593

<211> 1014

<212> DNA

<213> Homo sapiens

<400> 593

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<210> 594

<211> 333

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (242)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (292)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (328)

<223> n equals a,t,g, or c

<400> 594

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gcttccttaa ggaaccttcc aaccaaancc ttc 333
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<210> 595

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (29)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (40)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (585)

<223> n equals a,t,g, or c

<400> 595

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atgcatccga gtttggaac ccacttaag ggatggagcc tgggggatca cattaacgg 180
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<210> 596

<211> 532

<212> DNA

<213> Homo sapiens

<400> 596

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ttgagtaatt ccatgccttt tgacaagtgt tctgtaccca tgccacgacc accacaatcg 180
agagagaaca tcttcatcac tccagaaggc ctcctttgca gtgagtactc ctaggaggt 240
ccagcggccg gtgacattga tctgttttct gtcactgtag atgagatttg tctgttatat 300
```

acaatttttta aaaatttaa gatatgtatg gcttcttttg cttagcataa tgtttttgag 360
cttattcatt tggtgcata atcaatactt tgcttctttt taccacctgt acttcattta 420
tggtacgtt gtttatccat gtgtttatcc ccaatggaca ttgggttggt tctgattttt 480
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<210> 597

<211> 1494

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1483)

<223> n equals a,t,g, or c

<400> 597

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aagggtacag ccgttgctca tggagagtgc aaagacctaa gccttgatga ctttaagggg 180
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<210> 598

<211> 2188

<212> DNA

<213> Homo sapiens

<400> 598

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atgaggggtat atattcggag ygagcgcggg acscgatgag tggccgcgcg gaaggagctg 180

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gagacggctcg tagctgcggt cgcgccgaga aaggtttaca ggtacatata ttacacccct 240
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tcccgtaaag cactttttca gattcaagca gagcgtatcc tgaagctaca gcaggttgct 720
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cattgaagggt cttatttata taattttttc caagccaagg agaccattgg ccatccagga 2100
aatttcgtac agctgcaagt aaactgatgt tgaacatccw gctwtayttc agctggaagc 2160
atgtgttttt gaagttgtac atagtaat 2188

```

<210> 599

<211> 1273

<212> DNA

<213> Homo sapiens

<400> 599

```

ataatacagt tctgagtatg tgtagaaac caggatgctg cttatttgat tctataataa 60
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gagtttttta attgagaagt ttaattcaga agtttggttt tggtgcctct gatttaacat 180
tttatatttc ttttgaaaaa tttccaacag agctcaaagt atacttttcc cacagcaatg 240
cacattgctg ctgcaataga agttcatgaa gtactgttac caggactaca gaagttacat 300
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```

gtgctcatg acgctctggt tgagctcagt ggagccatga acactactgc ctgcagtctg 660
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ttgatcttgc ctgaaaatga accaggaagc agtatcatgc caggcaagggt gaaccctact 780
cagtgtgaag caatgaccat ggttgcagcc caagtcatgg ggaacatgt tgctgtcact 840
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ccgtacccat tgg 1273

<210> 600

<211> 1239

<212> DNA

<213> Homo sapiens

<400> 600

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ggcgtgcaaa aactaacatt gaaattttga aacagcagca gagtgagtggt attttatattt 180
tcgttattgt tgggtggtta aaaaattccc cccatgtaat tattgtgaac accttgcttt 240
gtggtcactg taacatttgg ggggtgggac agggaggaaa agtaacaata gtccacatgt 300
ccctggcatc tgttcagagc agtgtgcaga atgtaatgct cttttgtaag aaacgtttta 360
tgatttttaa aataaattta gtgaacctat ttttgggtgt catttttttt ttaagacagt 420
cattttaaaa tgggtggtga atttcccaac ccaccccaa actaaacact aagtttaatt 480
ttcagctcct ctgttggaca tataagtga tctcttggtg gacataggca aaataacttg 540
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taaaattcac ttccaaataa ataaaacacc catgatgcta gatttgatgt gtgcccraat 1140
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tagtaatctt atgtaaaaaa aaaaaaaaaa aactcgaga 1239

<210> 601

<211> 1286

<212> DNA

<213> Homo sapiens

<400> 601

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tgtctatctc ttgaccttgt gatccaccgc cctcagcctc ccagagtgtt gggattacag 120
gtgagagcca ctgcgcctgg ctgggttttca tgaatcttga tagacatcta taacgttatt 180
attttcagtg gtgtgcagca tttttgcttc atgagtatga cctaggtata gagatctgat 240

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aacttgaatt cagaatatta agaaaatgaa gtaactgatt ttctaaaaaa aaaaaaaaaa 300
aaaatttcta cattataact cacagcattg ttccattgca ggttttgcaa tgtttggggg 360
taaagacagt agaaatatta ttcagtaaac aataatgtgt gaacttttaa gatggataat 420
agggcatgga ctgagtgcctg ctatcttgaa atgtgcacag gtacacttac cttttttttt 480
ttttttttta agtttttccc attcaggaaa acaacattgt gatctgtact acaggaacca 540
aatgtcatgc gtcatacatg tgggtataaa gtacataaaa tatatctaac tattcataat 600
gtggggtggg taatactgtc tgtgaaataa tgtaagaagc ttttactta aaaaaaatgc 660
attactttca cttaacacta gacaccaggt cgaaaathtt caaggttata gtacttattt 720
caacaattct tagagatgct agctagtgtt gaagctaaaa atagctttat ttatgctgaa 780
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agagaatggt ggtgttgagc tgattattaa cagttactga aatcaaatat ttatttgta 960
cattattcca tttgtatttt aggtttcctt ttacattctt tttatatgca ttctgacatt 1020
acatattttt taagactatg gaaataatht aaagatttaa gctctgggtg atgattatct 1080
gctaagtaag tctgaaaatg taatathtt gataactgt aatataacct tcacacaaat 1140
gcttttctaa tgttttaacc ttgagtattg cagttgctgc tttgtacaga ggttactgca 1200
ataaaggag tggttcatt aaactaaaaa aaaaaaaaaa aaaaaaaaaa aaaagtcgac 1260
cggccggtta tttagtagta gtaggc 1286
```

<210> 602

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (399)

<223> n equals a,t,g, or c

<400> 602

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ggaggtgttt tgtctaacca tcaaaatggt tgagactttt ttttaaacad ttctgagttc 120
gaaggtaata ctgacagatt tcttccctct tccctcccca tcaccacct cagtataac 180
acattactga tagaggaagt cattagaatc atttttaagt ttcagatata ggagacttca 240
tgcaattttg agataagact aattattggg ggttttcctt ggattttttt ttttaataact 300
gggggctatt ttatcagctt gcctattaaa ggactatggt aagtatagaa tcttaatggt 360
tgccagttag taattccttt tttttttttt ttactgtana caca 404
```

<210> 603

<211> 1168

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1121)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1122)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1133)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1153)

<223> n equals a,t,g, or c

<400> 603

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cagtcggacg ggcgcggaga cgcttctgga aggaacgccg cgatggctgc gcagggagag 120
ccccaggtcc agttcaaact tgtattgggt ggtgatgggt gtactggaaa aacgaccttc 180
gtgaaacgtc atttgactgg tgaatttgag aagaagtatg tagccacctt gggtgttgag 240
gttcatcccc tagtgttcca caccaacaga ggacctatta agttcaatgt atgggacaca 300
gccggccagg agaaattcgg tggactgaga gatggctatt atatccaagc ccagtgtgcc 360
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gatctggtag gagtgtgtga aaacatcccc atttgttgtt gtggcaacaa agtggatatt 480
aaggacagga aagtgaaggc gaaatccatt gtcttccacc gaaagaagaa tcttcagtac 540
tacgacattt ctgccaaaag taactacaac tttgaaaagc ccttcctctg gcttgctagg 600
aagctcattg gagaccctaa cttggaattt gttgccatgc ctgctctcgc cccaccagaa 660
gttgtcatgg acccagcttt ggcagcacag tatgagcacg acttagaggt tgctcagaca 720
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tattatctag ctaagcggaa catgtgcttc atctgtggga tgctgaagga gatgagtggg 900
cttcggagtg aatgtggcag tttaaaaaat aacttcattg tttggacctg catatttagc 960
tgttttggaa cgcagttgat tccttgagtt tcatatataa gactgctgca gtcacatcac 1020
aatattcagt ggtgaaatct tgtttgttac tgtcattccc attccttttc gtttagaatc 1080
agaataaagt tgattttcaa atatctaaaa aaaaaaaaaa nngggggggs cgnccattcc 1140
ccaaaggggg gtnaaaaccc gggggggtt                                     1168
```

<210> 604

<211> 458

<212> DNA

<213> Homo sapiens

<400> 604

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ccatcttcgg ctaggctcgc acaggctccg gctcatggca tcaagtggca tccatcataa 120
gatcgttaac tgaagacaat atgcaaaatt ctcacatgga tgaatacaga aattctagta 180
atggcagcac aggcaacagt tcagaggtag tggtagaaca tcctactgat ttcagtactg 240
agattatgaa cgttacagaa atggaacagt cacctgatga ctctcccaat gtgaatgcat 300
ctacagaaga aactgaaatg gcaagtgtct tggaccttcc agtgacgctg acagaaacag 360
aagcaatttc cctccagaat atgaaaaatt ttggaaaact gtagaaaata atcctcaggt 420
tttaaaggct gggtatattt gcctcaatat gtagaaca                                     458
```

<210> 605

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (897)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (904)

<223> n equals a,t,g, or c

<400> 605

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tggtttcgcg gtggtctgcg gcccggggag tgcttcgaaa ctactgggag cgactgctac 120
ggaagcttcc gcagagccgg ccgggctttc ccagtcctcc gtggggacca gcattagcag 180
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ttaaccggtg taggagaaga aatccgcaga agcttattaa agttaagaac aacatagacg 360
tttgtcctga atgtggtcac ctgaaacaga aacatgtcct ttgtgcctac tgctatgaaa 420
aggtgtgcaa ggagactgca gaaatcagac gacagatagg gaagcaagaa gggggccctt 480
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atcagggcaa gaggatcatt gaacgagaca gaaagcgacc atcctggttc acccagaatt 600
gacaccaaag atgttaaaag gataacttca cagttaaata tttctcctga aatagaggaa 660
gattctttac gttgttgtgc ttgtttttaa atcatcagta tagtttaaca cattctttct 720
aagcagtttt gtgtgggata atttgaagaa tatattatga gtaaaactcg aaaattttgt 780
ttatccaaag gctcaatgga ttatgtttct attatataca aggttttaag taaacataaa 840
atttcagaa caaaaataaa aaatttaaaa ttcatagcaa aaaaaaaaaa aaggggnggc 900
cgcncctaggg g                                     911
```

<210> 606

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (730)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (737)

<223> n equals a,t,g, or c

<400> 606

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ggggccatga gcgcgcgccg gccccagttc agcattgatg atgccttcga gctgtccctg 120
gaggacgggg gccctgggccc cgagtcacgc ggggtcgcgc gctttggggc gctgcacttc 180
gagcgtcggg cccggttcga ggtggctgac gaggacaagc agtcccggct gcgctaccag 240
```

```

aacctggaga acgatgagga tggagccag gcctctccgg agccggatgg gggagtcggc 300
accaggttag ggccagggat tccagccgaa ctccaccgg ggcttccagt tcttctacct 360
gccctacttc gagaagtgat cggggcgag cgtggacccc ttgcgcccac gggggcgccc 420
ctcttgccct gttccgttcc cctcatctca agggaagagg ccctccagga ccctcgaaac 480
cccagcccct agggagtttg ctcaggaagt tcggggcatg caggcctggc cctgggaaaag 540
ccgcccgtcg cctgctctgt gccttaactt attctcgggc cgtgcggctg ctagggttgc 600
gttattttgt gctaataaaa gagtaattaa ttccaaaaaa aaaaaaaaaa aaaaaaaaaa 660
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaagggcgg ccgtttttaa 720
ggatccaagn ttacgtnc                                     738

```

<210> 607

<211> 1348

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1328)

<223> n equals a,t,g, or c

<400> 607

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<210> 608

<211> 722

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

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<221> misc feature
<222> (703)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (718)
<223> n equals a,t,g, or c

<400> 608
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<210> 609
<211> 330
<212> DNA
<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (321)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (330)
<223> n equals a,t,g, or c

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<210> 610

<211> 1866

<212> DNA

<213> Homo sapiens

<400> 610

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tcgacg 1866
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<210> 611

<211> 2176

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature
<222> (2162)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2168)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (2169)
<223> n equals a,t,g, or c

<400> 611
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cattaggaga gaattaaaca tccaggaggg atgaacagta tttcatgtgt gctatgtagt 1920
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2176

<210> 612

<211> 3619

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (12)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (22)

<223> n equals a,t,g, or c

<400> 612

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<210> 613

<211> 1427

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (297)

<223> n equals a,t,g, or c

<400> 613

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa agcggcc 1427
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<210> 614

<211> 1433

<212> DNA

<213> Homo sapiens

<400> 614

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gttcgcggga gtccgccgga agactacagg cttggacagg tcgccagtag cttatttcgc 180
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<210> 615

<211> 506

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (10)

<223> n equals a,t,g, or c

<400> 615

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attcacactg agtcaaagcc gtttgagtgc atgaatgcgg gaaatcttta gtcgaagtct 420
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<210> 616

<211> 2174

<212> DNA

<213> Homo sapiens

<400> 616

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<210> 617

<211> 3147

<212> DNA

<213> Homo sapiens

<400> 617

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<210> 618

<211> 2529

<212> DNA

<213> Homo sapiens

<400> 618

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<210> 619

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (6)

<223> n equals a,t,g, or c

<400> 619

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<210> 620

<211> 1735

<212> DNA

<213> Homo sapiens

<400> 620

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<210> 621

<211> 1026

<212> DNA

<213> Homo sapiens

<400> 621

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<210> 622

<211> 670

<212> DNA

<213> Homo sapiens

<220>

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<222> (598)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (645)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (649)

<223> n equals a,t,g, or c

<400> 622

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<210> 623

<211> 2163

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (29)

<223> n equals a,t,g, or c

<400> 623

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<210> 624
<211> 601
<212> DNA
<213> Homo sapiens
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<220>
<221> misc feature
<222> (562)
<223> n equals a,t,g, or c
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<220>
<221> misc feature
<222> (566)
<223> n equals a,t,g, or c
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<220>
<221> misc feature
<222> (600)
<223> n equals a,t,g, or c
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<400> 624
ggcgagatct tctctgtggc ggagacagcc aggttggcag ctgacgggac agccgggggc 60
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a t a c a g a a c g a t g g a g t a t a t g g c a g a a t c c a c c g a c c g c a g c c c t g g a c a c a t c t t g t g 180
c t g t g a g t g t g g t g t t c c g a t a a g t c c a a t t c t g t g t g g c c t g t t t g c g 240
a a g t a a a g t g g a c a t c a g c c a a g t a t t c c g a a a c a a g t c t c g a t t t c g t t c t g c a a a c a 300
a t g t c a a a g g t a t t t t c a a c c a c g a g a a c t t g g a t a c a g t g t g c t t t a g a a t c c a g g g a 360
a c t t c t t g c t t t g t g c t t g a a a a a a t c a a a g c c c t c t g a g t a a g g t a c g g c t t g t a g a 420
t g c a g g c t t t g t t t g g a c t g a g c c t c a t t c t a a g a g a c t t a a a g k t a a a c t g a c t a t t c a 480
g a a a g a g g t g a t g a a t g g t g c t a t c c t t c a a c a a g t g t t t g t g g t g g a t t a t g k t g k c c c 540
c a a a t g g g g g g a g a t g g c a t a n a g a n a a c t a a g g a t t c t g g a a g g t t g g a t t a a g g g g n 600
g 601

<210> 625

<211> 593

<212> DNA

<213> Homo sapiens

<400> 625

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a c t a a c a a a a g a t g g c t a c g a g g t a a c a t g t t c g g a g g c c t c a g c g g g c a a c a g t c a t 120
t g a c t c c c t c g a t a c c c t c t a c c t c a t g g a g c t g a a g g a g g a g t t c c a g g a g g c c a a g g c 180
c t g g g t g g g a g a g a g c t t c c t g a a c g t g a g c g g a g a g c a t c c t t g t t g a g g t g a a 240
c a t c c g c t a c a t c g g g g g a c t c c t c t c a g c c t t c t a c c t g a c a g g a g a a g g t g t t c c g 300
a a t a a a g g c c a t c a g g c t g g g a g a g a a g c t c c t g c c g g c g t t c a a c a c c c c a c g g g a a t 360
c c c a a a g g g c g t g g t g a g c t t c a a a a g t g g g a a c t g g g c t g g g c c a c a g c c g g c a g c a g 420
c a g c a t c t t g g c g g a g t t t g g a t c c c t g c a c t t g g a a t t c t t a c a c c t c a c t g a a c t c t c 480
t g g c a a c c a g g t c t t c g c t g a a a a g g t c a g g a a c a t c c g c a a g g t c c t c a g g a a g w t c g a 540
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<210> 626

<211> 2272

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2267)

<223> n equals a,t,g, or c

<400> 626

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g g a c t c g c g t c g c g g c c g c g g a g a c g t c t c g a g g c t c c t c c c g c t g c g g g t c g g 120
c g c t c g c c c t c g t c t c c t c g c c c t c c g c c c g c g c c c c c c g c g c c c g c c a t g g a g a 180
a g a c t g a g c t g a t c c a g a a g g c c a a g c t g g c c g a g c a g g c c g a g c g c t a c g a c g a c a t g g 240
c c a c c t g c a t g a a g g c a g t a c c g a g c a g g g c g c c g a g c t g t c c a a c a g a g a g c g a c 300
t g c t c t c c g t g g c c t a c a a g a a c g t g g t c g g g g c c g c a g t c c g c c t g g a g g g t c a t c t c 360
t a g c a t c g a g c a g a a g a c c g a c a c c t c c g a c a a g a a g t t g c a g c t g a t t a a g g a c t a t c g 420
g g a g a a a g t g g a g t c c g a g c t g a g a t c c a t c t g c a c c a c g g t g c t g g a a t t g t t g g a t a a 480
a t a t t t a a t a g c c a a t g c a a c t a a t c c a g a g a t a a g g t c t t c t a t c t g a a a t g a a g g g 540
t g a t t a c t t c c g g t a c c t t g c t g a a g t t g c g t g t g g t g a t g a t c g a a a a c a a a c g a t a g a 600
t a a t t c c c a a g g a g c t t a c c a a g a g g c a t t t g a t a t a a g c a a g a a a g a g a t g c a a c c c a c 660
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<210> 627

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (12)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (863)

<223> n equals a,t,g, or c

<400> 627

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<210> 628

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (23)

<223> n equals a,t,g, or c

<400> 628

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gacagagcct cacagatgat gtccatgttt tgtgtgaatg aaactcaaac actcttcaaa 720
aaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 779

<210> 629

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1835)

<223> n equals a,t,g, or c

<400> 629

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aaggagcttc aggtgaagca gcagctggac agttgtgtga ccaagtgtgt ggatgaccac 420

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aaaaaaaaa aaaaaaaaaa aaaaataaaa aaatn 1835
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<210> 630

<211> 1097

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (13)

<223> n equals a,t,g, or c

<400> 630

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ccccctcctt tttttttttt tttttttttt ctttttttag gcatatgtag taatattaga 180
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ttgtgcttgc cttctgggga ggcggtcctg agcaggtgaa tcataaggca tttatgcata 840
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gtttagggggg aaaatgaaaa tctcccttaa aatttgtttc aactcctcct gcaaataaaa 1020
taaatgaagt ggcagatgta aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1080
aaaaaaaaaa aaaaaaa 1097

<210> 631

<211> 1537

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5)

<223> n equals a,t,g, or c

<400> 631

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cttcgctgcc ctccgcgcgt gctagcaggg agtttccgct cgggagagag actgtcctca 180
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ggagcggctg ggagaggctg cggagccgcg gtcgccgccg tcggaggcac tggacgccgc 360
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ccacgcttcc ccggtcctcc ggctgagaa cgcccgagtg aggagtggc cgtagtgaga 480
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ctgcgtcctt tttcgttttt cggtgatgac cttcaataact acctttattt ccaccatagg 660
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<210> 632

<211> 1901

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1566)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1894)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1899)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1900)

<223> n equals a,t,g, or c

<400> 632

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<210> 633
<211> 1750
<212> DNA
<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (821)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1676)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1689)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1712)
<223> n equals a,t,g, or c

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<210> 634

<211> 1926

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (13)

<223> n equals a,t,g, or c

<400> 634

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<210> 635

<211> 1346

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<220>

<221> misc feature

<222> (21)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1342)

<223> n equals a,t,g, or c

<400> 635

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<210> 636

<211> 1584

<212> DNA

<213> Homo sapiens

<400> 636

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<210> 637

<211> 1663

<212> DNA

<213> Homo sapiens

<400> 637

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<211> 3947

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (625)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (3738)

<223> n equals a,t,g, or c

<400> 638

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<210> 639

<211> 1427

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (6)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (9)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (12)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (29)

<223> n equals a,t,g, or c

<400> 639

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ccaggcctct gccggggcag cgactggcgc tactggggcc agcrgggcg gtggcccat 180
caaccggcc tcgctgcctc ccggcgaccc gcagctcatc gctctcatcg tggagcagct 240
caagagccgg ggctttttg acagcttccg ccgggactgc ctggccgacg tggacaccaa 300
gccagcttac caaacctga ggcagaaagt ggataatttt gtgtcaacac atctggacaa 360
gcaggaatgg aatcctacga tgaacaaaaa ccagttgcga aatgggtctga ggcagagtgt 420
ggttcagtca gggatgttgg aagctggagt agacaggatt atttctcagg tgggtggatcc 480
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ctgatctcaa gatttcaacc ttgaccatgg gcagtgacca gattgaaagg ggagcaagtt 780
cggcagtggg agagttgacc gtgtcacccc ctgcattgtg ctgccatttg gccagcctgt 840
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<210> 640

<211> 920

<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (910)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (919)
<223> n equals a,t,g, or c

<400> 640
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gctcaggatg tcttcacac attttgccag tcgacacagg aaggatataa gtactgaaat 180
gattagaact aaaattgctc ataggaaatc actgtctcag aaagaaaata gacataagga 240
atacgaacga aatagacact ttggtttgaa agatgtaaac attccaacct tggaaggtag 300
aattcttggt gaattagatg agacatctca agggcttggt ccagaaaaga ccaatgttaa 360
gcccaaggca atgaaaacta ttctagggtga tcaacgaaaa cagatgctcc aaaaatacaa 420
agaagaaaag caacttcaaa aattgaaaga gcagagagag aaagctaaac gaggaatatt 480
taaagtgggt cgktatagac ctgatatgcc ttgktttctt ttatcaaacc agaattgctgt 540
gaaagctgag ccaaaaaagg ctattccatc ttctgtmcgg attacaaggt caaaggccaa 600
agaccaaagtg gagcagacta agattgataa cgagagtgat gttcgagcaa tccgacctgg 660
tccaagacaa acttctgaaa agaaagtgtc agacaaagag aaaaaagtk tgcagcctgt 720
aatgcccacg tcgttgagaa tgactcgatc agctactcaa gcagcaaagc aggttcccag 780
aacagtctca tctaccacag caagaaagcc agtcacaaga gctgctaag aaaacggaac 840
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agggtatttn ttgtaaagnc 920

<210> 641
<211> 1706
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1704)
<223> n equals a,t,g, or c

<400> 641
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cttggtctca agatactcct cacctgctcc ttgaatgaca gcgccacaga ggacacagg 240
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gagttcaagg tggactccga cgaccagtgg ggagagtact cctgcgtctt cctccccgag 360
cccatgggca cggccaacat ccagctccac gggcctccca gagtgaaggc tgtgaagtcg 420
tcagaacaca tcaacgaggg ggagacggcc atgctggtct gcaagtcaga gtccgtgcca 480
cctgtcactg actgggctg gtacaagatc actgactctg aggacaaggc cctcatgaac 540

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tccgaccagg ccatcatcac gctccgcgtg cgcagccacc tggccgccct ctggcccttc 720
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ggctctctat agcaccagg ctcacgtggg aacccccctc ccaccaccg ccacaataaa 1620
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aaaaaaaaaa aaaaamgggg gggncc 1706
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<210> 642

<211> 2170

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (406)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (811)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2150)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2154)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2155)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2170)

<223> n equals a,t,g, or c

<400> 642

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ccaacgggtt cagattggtt caacttagca atcaaagaca tcccagaggt tacacatgaa 180
gcaaagaagg cactggcagg acagctgcct gcagtcggga ggtccatgtg tgtggagatt 240
tcacttaaga cttctgaggg agattccatg gagctggaaa tatggtgtct tgaaatgaat 300
gaaaagtgtg ataaagaaat caaagtttcc tacacggtgt acaacagact gtcattgctg 360
ctgaagtccc ttcttgctat aactagggtg acaccagcct ataggntctc caggaaacaa 420
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ggagaaggct tccagacagt tcgtgtggg acagtgggca cccctgtggg caccatcact 540
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cctctccagg gcagcctgca ctcatggtg tccagcgggg gcagcagtg caatacccat 1200
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cccaccctg aaggtcggga gggctgagc agccctggtg gctgcctgtg ctcaggctct 2100
cagctccatg ggaaataaaa atggcacctt gaaaaaaaaa aaaaaaaaaa cccnngggg 2160
gggccccggn                                     2170
```

<210> 643

<211> 1712

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (8)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1664)

<223> n equals a,t,g, or c

<400> 643

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aacattgagt tcaagcccga atctcgagtg aatggtctag atgaaagcaa aatcaaagat 180
aaaaatgagt taaaagaaat ttgtgaattg accggcattg atcaatcagt tctagaacga 240
gcattcagtt tccgaacagt tgaggccaaa caggagaaaag tttcaactac actgaatgtg 300
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ggttggaagg ctgaaaaaat tctgcgggaa ctgaagcatc aaaagcgctg taaggaagca 1620
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cttcagagcc aatgctggaa aagaaaatct at 1712
```

<210> 644

<211> 1793

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (790)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1731)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1793)

<223> n equals a,t,g, or c

<400> 644

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cctcgccaaa gcagagaaat acctgaaaac tggtttttta aaatggaagc cagattatga 180
cagtgccgct tctgaatatg gaaaagcagc tgttgctttt aaaaatgcca aacagtttga 240
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gtgggtattt cttctatcta aaaaatacat acagtgcactg tcttcaaadc nacttggttc 1740
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<210> 645

<211> 2679

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3)

<223> n equals a,t,g, or c

<220>

<221> misc feature
<222> (21)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (24)
<223> n equals a,t,g, or c

<220>
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<222> (41)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (124)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (128)
<223> n equals a,t,g, or c

<400> 645
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tgantccnaa ascaaaccatc acctgtcttg tgtaacarcc caccgacggca cagagctccc 180
tggcccagtt acaatgatga agacatttac ctcttcaact cctctcacag tgatggggcc 240
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<210> 646

<211> 832

<212> DNA

<213> Homo sapiens

<400> 646

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<210> 647

<211> 1325

<212> DNA

<213> Homo sapiens

<400> 647

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<210> 648

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (572)

<223> n equals a,t,g, or c

<400> 648

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aatacaagtt tctgatacca ctgcactgtc tgagaatttc caaaacttta atgaactaac 180
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<210> 649

<211> 1696

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1047)

<223> n equals a,t,g, or c

<400> 649

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<210> 650

<211> 3059

<212> DNA

<213> Homo sapiens

<400> 650

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<211> 1366

<212> DNA

<213> Homo sapiens

<400> 651

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<210> 652

<211> 1425

<212> DNA

<213> Homo sapiens

<400> 652

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<210> 653

<211> 614

<212> DNA

<213> Homo sapiens

<400> 653

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<210> 654

<211> 2812

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (158)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (294)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (2651)

<223> n equals a,t,g, or c

<400> 654

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<210> 655

<211> 1997

<212> DNA

<213> Homo sapiens

<400> 655

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<210> 656

<211> 1597

<212> DNA

<213> Homo sapiens

<400> 656

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<210> 657

<211> 372

<212> DNA

<213> Homo sapiens

<400> 657

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<210> 658

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (378)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1220)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1226)

<223> n equals a,t,g, or c

<400> 658

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<210> 659

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (25)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (37)

<223> n equals a,t,g, or c

<400> 659

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<210> 660

<211> 2549

<212> DNA

<213> Homo sapiens

<400> 660

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<210> 661

<211> 1162

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1155)

<223> n equals a,t,g, or c

<400> 661

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<210> 662

<211> 1178

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (978)

<223> n equals a,t,g, or c

<400> 662

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<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (25)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (546)
<223> n equals a,t,g, or c

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<220>
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<222> (652)
<223> n equals a,t,g, or c

<400> 663
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<211> 1670
<212> DNA
<213> Homo sapiens

<400> 664

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<210> 665

<211> 3364

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (643)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (898)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (1097)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1470)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1881)

<223> n equals a,t,g, or c

<400> 665

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<210> 666

<211> 1223

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1122)

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<220>

<221> misc feature

<222> (1123)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1133)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1137)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1205)

<223> n equals a,t,g, or c

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<210> 667

<211> 1997

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1289)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1951)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1974)

<223> n equals a,t,g, or c

<400> 667

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1997

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<210> 668

<211> 586

<212> DNA

<213> Homo sapiens

<400> 668

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<210> 669

<211> 1097

<212> DNA

<213> Homo sapiens

<400> 669

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<210> 670

<211> 2900

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2418)

<223> n equals a,t,g, or c

<400> 670

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<210> 671

<211> 987

<212> DNA

<213> Homo sapiens

<400> 671

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<210> 672

<211> 2825

<212> DNA

<213> Homo sapiens

<400> 672

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2825

<210> 673

<211> 1430

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (435)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1046)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1409)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1413)

<223> n equals a,t,g, or c

<400> 673

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1430

<210> 674

<211> 1125

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1098)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1103)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1120)

<223> n equals a,t,g, or c

<400> 674

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<210> 675

<211> 1077

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (523)

<223> n equals a,t,g, or c

<400> 675

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<210> 676

<211> 920

<212> DNA

<213> Homo sapiens

<400> 676

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920

<210> 677

<211> 1247

<212> DNA

<213> Homo sapiens

<400> 677

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<210> 678

<211> 2667

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2602)

<223> n equals a,t,g, or c

<400> 678

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<210> 679

<211> 952

<212> DNA

<213> Homo sapiens

<400> 679

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<210> 680
<211> 2309
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (4)
<223> n equals a,t,g, or c

<400> 680
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<210> 681
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (370)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (419)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (428)
<223> n equals a,t,g, or c

<400> 681
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atgggaacct gactcccgag cgctccgacg tgtggtttgc gcttcaactc aaccgcaagc 180
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tgcctgtnc c gggccaagct tcaagcaatc c 451

<210> 682
<211> 1298
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1294)
<223> n equals a,t,g, or c

<400> 682
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<210> 683

<211> 859

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (420)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (793)

<223> n equals a,t,g, or c

<400> 683

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tgaggagagg attagtgact taacgacaaa tcttgcaaga gaggaagaaa aggccaagaa 180
tcttaccaag ctgaaaaaca agcatgaatc tatgatttca gaactggaat gcggctaaag 240
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tgcccgagc cancttcgag cggcagaaca aggagctccg gagcaagctc cacagagatt 840
ggagggggcc gtcaagtcc 859

<210> 684

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1249)

<223> n equals a,t,g, or c

<400> 684

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<210> 685

<211> 2600

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (38)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (57)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (476)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1905)

<223> n equals a,t,g, or c

<400> 685

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<210> 686

<211> 4641

<212> DNA

<213> Homo sapiens

<400> 686

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<210> 687

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (370)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (380)

<223> n equals a,t,g, or c

<400> 687

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tgggtccccc aggacacggg ccagaagag cccacgggt tctgcatct tccamcgac 180
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<210> 688

<211> 2751

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (528)

<223> n equals a,t,g, or c

<400> 688

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<210> 689

<211> 969

<212> DNA

<213> Homo sapiens

<400> 689

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cttctgaatg tctcttctcc ctgcatactt gttcattcac aatgaaagggt taggaagaag 900
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aaaaaaaaa 969
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<210> 690

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (376)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (943)

<223> n equals a,t,g, or c

<220>

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<222> (945)

<223> n equals a,t,g, or c

<220>

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<222> (957)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (959)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (969)

<223> n equals a,t,g, or c

<400> 690

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<210> 691

<211> 693

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (27)

<223> n equals a,t,g, or c

<400> 691

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tgacacagc cacagcaaca gagcaggcaa agcagctggt gaagtcagga gccatcagt 180
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<210> 692

<211> 1382

<212> DNA

<213> Homo sapiens

<400> 692

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<210> 693

<211> 3098

<212> DNA

<213> Homo sapiens

<400> 693

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<210> 694

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (418)

<223> n equals a,t,g, or c

<400> 694

```
gaaagtctac ccgcctcctt gtgacagaag tgcgactgcc agctgccgag gcgttcggtc 60
ctgctgtttgc ggccgctgcc ccagggtgc ggggacgctc ccggagccct gcctgttccc 120
tgtccatcca ggccagcagc tgaaggagcc tcacctgcct cccttctctg agtagcacgg 180
atttraggag aagcagcgaa gatgtccagc gaggctcccc ctcttatcc tgggggcccc 240
acagccccac ttctggaaga gaaaagtgga gccccgcccc cccaggccg ttcctcccca 300
gctgtgatgc agccccctcc aggcattcca ctgccccctg cggacattgg cccccaccc 360
tatgagccgc cgggtcamcc aatgccccag cctgggttya tcccaccama catgagtnca 420
gatgggmact acatgcctcc gggtttttta cccttcttca ggggccccca cccacccttg 480
gggtaatta                                     489
```

<210> 695

<211> 1844

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (13)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (15)

<223> n equals a,t,g, or c

<400> 695

```
gccactaagc tgnctgctgc gcgcctgcag gtcgacacta gtggatccar agacaaaatg 60
gaaattttaa tgacatccta gaggtagaga aaccgtggag atcgcttttc tcagactcac 120
caacttttaa tgggatttca tggggtttgg ttgtgctgat agggtaaggg gaggctgctt 180
tctgcccttc tccccactcc catctgattt acttaattca gtctcagctg ctgaaatttg 240
gaaaggacca aattgcttta cagttttttt ctttgtgtag tatcttgaaa tcctggaaaa 300
ttctatggaa tagttctgta tataaggcac aagtaaaggc attgtccaaa gtttatattat 360
ttatttatta ccctaagaat gctttgccat aaccacattt aatgggaaaa acggcagtat 420
cacagatgta aattaactca ccagatttac tgggcctgaa ctcatctctt tcttgctata 480
tgatttagca agttctagaa ggtctccaag acaataatta cattggcaca atgtatactt 540
cagtgtcac ccgtaggcaa atctcttttt aaaaaactct ttggtgcaca agtaacacat 600
ttggccacaa aacaccaaag aattgtaggc agtggccctt attgagaagt tttccggtag 660
agttggaaat cagttgtgaa tacattcttt gctagttaga gtgcttggtt actaagcatg 720
tgccgtcgta ggtattagtg ctagtctcaa atagggtgct cccctgaggt gcaggggaag 780
accaaagtgt gcaactcgaa ctgctttcgt ccatgtttct cacattgctg tatttttagaa 840
aataggggtt aagactgata acaacctttt acattgtgac tgtgtttgca ttgtctaata 900
acagataaat ccttaacatt tctctccacc ttagtacttt agactaattg tgtttgcctg 960
```

```
tccatgccat gaatgagtgg gctgtagttg ggcctaaata aatgagctgt tggaagaaaa 1020
gaatcacagt actttccagc agtcagtccc tggttcctag atgtgttcta agcaatgcaa 1080
atgtctaatt gtcccccagt gggcatagtc agtgtcgttt atattgtagc agttacagct 1140
ctgtagttta tgatgcaaatt ctgccaagag agatgtatgt gtcactgcat ggcttctgaa 1200
agcaggatga attttctgca gctgtttcaa agttggggtc tgttcttgaa tcctctatta 1260
attactgtgt gtgagccaga gggagctgtg gtaagggttg ggcccccagc ctgtagggaa 1320
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tcaccctgtg aaacgtccca cactttgaag caaatacaat tcacagcaca gtacacacaa 1440
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acataacaaa gggcagccct ccacttctgg tataattgtg tagccccctt tctttgggct 1560
tgacacctgt cttgaataag agtgattaga gctgcataat gtccctctct tggctattga 1620
ccatgtggtt cactgacaaa actctgtata agttgaagga aaatgttcat gttcatatgt 1680
acttgtttgc tatgactaca ttttgagggt ttgtaaaact gttatttttt tttttttcac 1740
aatgtgaaac tgaaggtcaa taaattatta gagattttct cttcaaaaaa aaaaaaaaaa 1800
aaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaagggg gggg 1844
```

<210> 696

<211> 605

<212> DNA

<213> Homo sapiens

<400> 696

```
cctgcactac tctgtcaaat taaaaaatat aatagctatc tttatttctca ttttaaagca 60
tgataatcat caaaatgttg aagtttatca cagttctaca ttaaaaaataa gtcatttttg 120
taggtgagtt atccaatata gcaaaggcca tcaaagagaa agccaatact ttcattggaga 180
gctcagagcc ttaatagatc ccagcagcaa tgcttcaacc attcccaact ccatgttctt 240
tgctagatgc tctcaccccc aaactcctgc aaatttcaag aatttctgtg tatgwtgtg 300
ttaaggaggg agttttaaaag tatctctgta ttcaacaaga tacgtcagct tgtaagcagc 360
agaaacctac ttaaaactakc ttacatgaga aaataacatt ataaagacat aggagtgttt 420
ctacaccaag agctggaggt attgtttggt ttcattgaagg gttaaaatct gtaattccaa 480
aagtaggact tcaggcagct gcaccatcaa tctgtgtctt tctctcwggg actgtgggac 540
tctatwcccg tctgacttgc tttggttccc ggggcacatc tcttggtttt gggaaaacac 600
acttt 605
```

<210> 697

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (113)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (114)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (488)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (489)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (534)

<223> n equals a,t,g, or c

<400> 697

```
agggcacact agggacctac cgtacaacac ttcagcattg ttaagcactt aaccatttga 60
aaaaacttaa tgaaatgatt aatttttttt ttaattttac tgaaggatgt atnnatagat 120
ttaggaggga tatgagggtg actaaaaagt taaatttttc taatgtgaac ttttatttat 180
gttggcttgt atcttacaat ttgtaatttt aaagtcattg taggccaatg raatgtgagc 240
gcctcaagaa tagctattaa gtatcatact aaatttggcg gacgtacaga tctgtgttac 300
aaagaaatgg aaaagtcata cctgtgtcac ggggatgaaa agcctgctag ccattccaat 360
tgactgagra catcttgcaa agaaccaccc ttacttctgc cggtagagcc ttgggcaaat 420
taaagtcattg tcaaatcaat ttagtagtaa gttcccttwt acmaatagtt atgtgtccac 480
acacgtgnng aatgttttat gggaaactaat ggaagcgagc aaatcccaga aggntctctg 540
```

<210> 698

<211> 496

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (271)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (477)

<223> n equals a,t,g, or c

<400> 698

```
ggcagagggg agactcagct gatactgctt ccttgagatt taatacacct tcctttgatc 60
tctcctgtcc ccattatccc aggaaaatcc agagtagctt ccagtccatt ctcatataatc 120
cactggatcc aaagtttaga gaggttcccc ttccctccag cctccttcct ggcccaacag 180
aggagcacc caccaccctc catcagctgc tcaaaaccca caagggaaaa atccctacag 240
gtccatgcc ggaggttagtg gagctaccct ncagggtcca ttaagtcata ccagaaggct 300
gagtgtagaa atgaacatta agagggttcc catctgtagg gaaagggttc aagatgcaaa 360
gctttacaga aggttctccg tctaattgtg aagattaaga gcaatgggtg acctaggaag 420
atgaagaatg gagagtgggg aaaccagcag agattttcag gaatgtttta gggggcnttt 480
tcacgttttc aaagca 496
```

<210> 699

<211> 987

<212> DNA

<213> Homo sapiens

<400> 699

```
ggcacgagct caactgcaag gacgctgtaa gcaggaagag aagccacagc gcttcagaaa 60
agagtgggac agggacaagc atatctaaga ggctgaacat gaatccacag atcagaaacc 120
cgatgaaggc aatgtatcca ggcacattct acttccaatt taaaaaccta tgggaagcca 180
acgatcggaa cgaaacttgg ctgtgcttca ccgtggaagg tataaagcgc cgctcagttg 240
tctcctggaa gacgggcgtc ttccgaaacc aggtggattc tgagacccat tgtcatgcag 300
aaagtgctt cctctcttgg ttctgcgacg acatactgtc tcctaacaca aagtaccagg 360
tcacctggta cacatcttgg agcccttgcc cagactgtgc aggggagggtg gccgagttcc 420
tggccaggca cagcaacgtg aatctcacca tcttcaccgc ccgcctctac tacttccagt 480
atccatgtta ccaggagggtg ctccgcagcc tgagtcagga aggggtcgtg gtggagatca 540
tggactatga agatttttaa tattgttggg aaaactttgt gtacaatgat aatgagccat 600
tcaagccttg gaagggatta aaaaccaact ttcgacttct gaaaagaagg ctacgggaga 660
gtctccagtg aggggtctcc ctgggcctca tgggtctgtc cctctagcct cctgctcatg 720
ctgcacgggc ctcccctcca ccctggaccc gctctgtttc tgcctgggtc tcctgagccc 780
ctcctggcct caggggcatt ccacagtgtc ccctgcctc accgcttctt cctcgtctct 840
ccagactctt cctgcagagg ctcccttctg cctccatggc tatccatcca cccccacaga 900
ccccgttctt ccagcctgcg tgcacctaac ctggcttttc ccatctcccc agcataacca 960
aatcttacta aactcawset aggtggg 987
```

<210> 700

<211> 1675

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1616)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1635)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1659)

<223> n equals a,t,g, or c

<400> 700

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tggattaaag cgggtaagtg ctacagctgc ccacagaaat gctttacaga atcctaaaca 60
gggaggcacc cagttgaaaa cagaaaaaat acatatgttt ttgttagctc cmgtggcaac 120
agggatcaac agtcacaatg atagaggaag gggcattcaa ggaaccatta atgagcaatg 180
tgctcctct ctcaaaatca gggcaagcca tggcaccaag atgatgactc cagagggtgt 240
ggcagaggca tatggcaaga aagagtggaa gcacttcttg tcggacactg gaatggcttg 300
ccgctcagga aagtattact ttacgacaa ctactttgac ctgccaggag ctcttctgtg 360
tgccagggtg gtggactatt taacaaaact gaacaatggg caaaaaacat ttgatttttg 420
```

gaaggatata gttgctgcta tacaacacaa ttataaaatg tcagctttta aggaaaactg 480
tggaatatat tttccagaaa taaaaagaga tccaggcaga tatttacata gttgtcctga 540
atctgtgaaa aaatggcttc gacagctaaa gaatgctggg aaaattcttc tgtaattac 600
cagttctcac agtgattact gtagacttct ctgcgaatat attcttggga atgattttac 660
agaccttttt gacattgtga ttacaaatgc attgaagcct ggtttcttct cccacttacc 720
aagtcagaga cctttccgga cactcgagaa tgatgaggag caggaggcac tgccatctct 780
ggataaacct ggctgggtact cccaaggga cgctgtccac ctctatgaac ttctgaagaa 840
aatgactggc aaacctgaac ccaaggttgt ttattttggg gacagcatgc attcagatat 900
tttcccagct cgctactata gtaattggga gacagtcctc atcctggaag aactcagagg 960
ggatgaaggc acgaggagtc agaggcctga ggagtcagag cctctagaga agaaaggaaa 1020
atatgaggga ccaaaagcaa aacctttaaa tacttcatct aaaaaatggg gctctttttt 1080
tattgattca gttttgggac tggaaaatac agaagactcc ttggtttata catggtcttg 1140
taagagaatc agtacttaca gcactattgc aattccaagt attgaagcaa tcgcagaatt 1200
acctctggac taaaaattta caagattctc ttcaagcaat tcaaaaacag ctggctacta 1260
tccaaatcct ccactggtct tatcaagtga tgagacactg atatccaaat aagttgtctt 1320
tactgaaaaa tgaagtgaag acccatatat gcagttaaaa aaaagttaat tttcaaaaaa 1380
tactgtaaaa gactttaagg aacaagtttt attgaccaat aagttgatat ttgtccatag 1440
gtctcctttc tataatcat cttgatgttt aacaactctt attatattaa aatctcagta 1500
tcctaaaact taggaacctt attggatatt ttctattaca gtagttttgt ggttgggatt 1560
caccggggg ggccacacac tcacacggca cagttcactc ttacacata tggccncggg 1620
cccgtggggt tctcnaaggt gtggttcctt tggggcctnt tgggcttggg ccttt 1675

<210> 701

<211> 556

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (454)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (502)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (505)

<223> n equals a,t,g, or c

<400> 701

ttaaccccac agtctacttt tttttctggt gcagacctta agacaatgta gtaatacgtc 60
ttttacccat ccccaaata acagtgtaca cagtgtgttt tttcccctta gtggagtggag 120
cagtatgtta gtgaggttag gtgagcatct agatttggtc cacagaaaag ggtgtttcca 180
gccagtatca gtgatgttggt tacttctcca acagtctaaa tctaagggtt ttaggagcct 240
gttygattaa gtgataagaa gataccctcg tctggtgttt ctttcagtgc tgcctcttca 300
tcttttagca gaaggcacia atgcctttta tttgctccgt ggtgaaaagc ttccagttct 360
caataggcac aggatgtcag tggccacagt tgggtgaagc ctgttcagag tcttctaatt 420
tgaaactgta gtggtgttta gtttataaag ctanaagaag aatctgtgga ggtctcggaa 480

ttgtatttgt gtggtgaaat tngtnacttt tagatgagga aagaaaacct ttgcttttgc 540
ccaaaacctg tgccag 556

<210> 702

<211> 1138

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1074)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1096)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1138)

<223> n equals a,t,g, or c

<400> 702

gccaaagcga gaatggggac ttagttcctg tcccctgagc ttcagagaac aaaaaaacct 60
gaggcctcca gtggctttct gtggctcccc agtgaggctg tcagcccctc agtcctcagc 120
cacttcctgg gctggggacc tcacagtttc ctgttcctgc cttgaggccg ggcaaacgca 180
gcaccaactg ctccccacag gtgcacagcg tgggtgctgtc agagcgggac ctgcagcggg 240
agatcaaggc ccagctggcc cagctgcccc attccgcgcc gggacccccg ccccgccac 300
aggctccgcct cgccggggcc caagccatct ttgaggccca gcagctggca ggagtgcgac 360
gaggcgccaa gcctgaggtg cctcggattg tgggtgcagcc cccggaggag cccagaccac 420
cgcgggcgaa accccagacc cgcggaaga ctttccatgg gtcctgact cggggccggg 480
gcccccccat cgaggggccc cccaggcccc aacgaggctc cacctccttc ctggacaccc 540
gcttctgaga ggaccatgga cttagtgtcc ccagctctca attgcctgat ggctgatgcc 600
agcccggcaa ataggcaccg cactttactc ttgggactcg gggacttggc ttccttcctg 660
gcaaggacca ggcagtggg aaggaggagg tcctccgtgg tacatactgg gtcaggcact 720
agcatggagg agggtcacag agtggggcac gtgaggacc atggaaccgt cctggtgcc 780
aggccctcac aagtacaaa gccagacca aaggagtca ggaaggggtt ggctgagtca 840
agggacccca gagggcacca ggaataaaaat cttcttgaac agaaaaaaaa aaaaaaaagg 900
gcggccgctc tagaggatcc aagcttacgt acgcgtgcat gcgacgtcat agctcttcta 960
tagtgtcacc taaattcaat tcaactggcg tcgttttaca acgtcgtgac tgggaaaacc 1020
ctggcgttac ccaacttaat cgccctgcag cacatcccc tttcgccagc tggnttaata 1080
gcgaagaggc ccgcancggt tcgccctttc ccacaattg cgccctggaa tgggcgan 1138

<210> 703

<211> 1062

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1044)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1061)

<223> n equals a,t,g, or c

<400> 703

```
cactgtgtgg agggcacctc tctgtccctt ccgtgtctca ctgtctctgg aagcttcagc 60
ccatgtgtgt cctggtgttc ccagcccccac cagagcccggt gccgggagct gacagctttc 120
acgcttaagg cacgtgtgac ctgggtagtc agacaccact tgagcccctg cccacatctg 180
ctggtttggg gcttcagtgg ggagctgaca gctgtgagca caccactgtc ccctcatcca 240
cctcggcctg catggggcac ccacttcctt ctgggtgggg cttccatggt aagggggcct 300
gcgtccctgc aactgcgag gactgccttg cacaggccca ctccctacga cacgtgactc 360
gttttagagc tctgtcccag aggcgttcgt atgtgaccca cagatggcgt caatgtgaac 420
acctctcttt gtgctgaatt tctgggccaat tcttttcctg tcttatttct aaatttcctt 480
cttccaagat gaaaaacaaa gaaaaactta aaacagaagg tattaaaaaa acaagagatt 540
cccaccatta tttaggttca cctgcaraac aaaaatctta ctccarcccc tcaatgccat 600
cctgacacac tttatgcaaa aagaattttc ccagataggc tagccagaaa aaacttcaag 660
tcctctgtaa catctgaggt gaccaagagg cagaagagca gagcagtcgg gggccgtgtc 720
ctggctgata ccaactgcag ctctgctgtg gggggccgtg ggaggaggc agacccctgg 780
gctttcctgc tggccacgga gactctgctc ctgcatggaa agggagcctg ggagccagca 840
gcccacgcct ggggagcctg cctggggcca tgtgacctg gcctctccct gggaaacgggc 900
tgaccacaac acaccctgct gccatccact tctgtttact ctgcaaatgt aagaaagaac 960
cacttgcca gaagtgtccc ccagatgstt tttttttttt tttttgggag acagttttgc 1020
yyttgyttcc cggytgaggt gcantggcat ggatctaact nt 1062
```

<210> 704

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (685)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (831)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (847)

<223> n equals a,t,g, or c

<400> 704

```
gagagaacta gtctcgagtt tgtttctctt atatgccac cattttttca tatatatatg 60
atttgatttt atatacacat atgtatacat attatatata aatatatatg tgtatacata 120
```

tatgtgtgta tatctatgaa tcaaacatac tgtttctgtt ggagatgggt cagaattata 180
aagattatct gaatctttat ctgtgagcag tctccaagka agaagtgmr aggtgaagcc 240
tttgactgct gtcattgtct aggtcattcc aaggacatgg gagactgctg tccatgggtg 300
gacctcttta acatcagcag agttctgtca agttacttag ctttactggg ggcagctcta 360
gcattccatt aattcaaaat gktgtcctta atataagcct ctamcattta aaataaaaaat 420
tttaaagtta tccattaagg gaataaattac atattgaatt cctaagaaat aagaattatt 480
tggttggttt tttctagata gaataaacac aagagctgga ctatattaac tgttgataac 540
acttttttaa ctggcatttt yagttacttg tgatttttcc aggaaaaata aaaatgaatt 600
aaagtgaac agtggacttc taattgggtt tgtcttttga ttacatttga ccatcaacaa 660
tgatgtaagc cttggataga atgtngcccc tcagtgcctc acttaaatct cttggtaaac 720
ctttggtgta tacacttcat tgtgcttttt ggaatgactc taaaagccca taaactaatg 780
ctttgcaaaag cctaaataaa aatggttgca gcctgtatta ggaaccactt nccttttatg 840
gtcctgnatg taaatagggg gtttt 865

<210> 705

<211> 1383

<212> DNA

<213> Homo sapiens

<400> 705

gctgtggagc ggctgccggc gtttcggggc gcgcctcggc tgcctgcccg gcggtctccg 60
ggtcctcgtc cagaccggcc accggagctt gacctcctgc atcgaccctt ccatgggact 120
taatgaagag cagaaagaat ttcaaaaagt ggcttttgac tttgctgccc gagagatggc 180
tccaaatatg gcagagwggg accagaagca tgtgtgcctg gatgattgat agcttcggaa 240
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aacagggaga tcattacatc ctcaatggct ccaaggcctt catcagtggt gctggtgagt 420
cagacatcta tgtggtcatg tgccgaacag gaggaccagg cccaagggc atctcatgca 480
tagttgttga gaaggggacc cctggcctca gctttggcaa gaaggagaaa aaggtgggtg 540
ggaactccca gccaacacga gctgtgatct tcgaagactg tgctgtccct gtggccaaca 600
gaattgggag cgaggggcag ggcttccctc ttgccgtgag aggactgaac ggagggagga 660
tcaatatgtc ttcctgctcc ctgggggctg cccacgcctc tgtcatcctc acccgagacc 720
acctcaatgt ccggaagcag tttggagagc ctctggccag taaccagtac ttgcaattca 780
cactggctga tatggcaaca aggtctggtg ccgcgcggct gatggtccgc aatgcagcag 840
tggtctctgca ggaggagagg aaggatgcag tggccttggt ctccatggcc aagctctttg 900
ctacagatga atgctttgcc atctgcaacc aggccttgca gatgcacggg ggctacggct 960
acctgaagga ttacgctggt cagcagtagc tgcgggactc cagggtccac cagattctag 1020
aagagctggt ctggcagggg cctggagtcc agagccgcag ctctgctctt ttcggggggc 1080
ctcagattcc tctgctgctg cccttttctt ctggagatct gcgagaaggg tgaactgaga 1140
taatggatga gaaagcatgt tgaaaaccac agccggggct tttctctaag gttatcgagt 1200
acgtggttct cagggatcca agaacagtga tggacaaggc aaatgtgagc cagtatggct 1260
atcagtagct ctatattgat tatcagccag atggcctaaa agatacctgt ctcaatatta 1320
ctagtgtatt tttcaataaa ataaaccatc actaaaaaaa aaaaaaaaaa aaaaaaaaaa 1380
aaa 1383

<210> 706

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature
<222> (36)
<223> n equals a,t,g, or c

<400> 706
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<210> 707
<211> 1417
<212> DNA
<213> Homo sapiens

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<222> (1378)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1392)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1399)
<223> n equals a,t,g, or c

<220>
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<222> (1404)
<223> n equals a,t,g, or c

<400> 707

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<210> 708

<211> 948

<212> DNA

<213> Homo sapiens

<400> 708

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<210> 709

<211> 1329

<212> DNA

<213> Homo sapiens

<400> 709

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caatcttatt ggacgagact gggaaaccaa aaactttgat tttgaggatg tttttgtgaa 480
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tggaagagag gatagattcc ttaattcttt tgcaagtatg catcggtttg gtcctataacc 720
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raaaaaaaaaa                                     1329
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<210> 710

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (529)

<223> n equals a,t,g, or c

<400> 710

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aagcatgggt caggcacaaa gtaagccac cccaccagga actatgttga aaaatttcaa 180
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gaacagcagc ataagcagct ggcagaggca aggaaagacc agcaaagaga cagagaagaa 480
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<210> 711

<211> 1143

<212> DNA
<213> Homo sapiens

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<222> (14)
<223> n equals a,t,g, or c

<220>
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<222> (41)
<223> n equals a,t,g, or c

<220>
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<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1110)
<223> n equals a,t,g, or c

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aag 1143

<210> 712
<211> 3779
<212> DNA
<213> Homo sapiens

<220>

<221> misc feature

<222> (3758)

<223> n equals a,t,g, or c

<400> 712

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<210> 713

<211> 1036

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (25)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (54)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1017)

<223> n equals a,t,g, or c

<400> 713

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<210> 714

<211> 4443

<212> DNA

<213> Homo sapiens

<400> 714

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<210> 715

<211> 2099

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2096)

<223> n equals a,t,g, or c

<400> 715

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<210> 716

<211> 574

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (507)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (537)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (547)

<223> n equals a,t,g, or c

<400> 716

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<210> 717

<211> 847

<212> DNA

<213> Homo sapiens

<400> 717

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<210> 718

<211> 2086

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1863)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1913)

<223> n equals a,t,g, or c

<400> 718

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<210> 719

<211> 2418

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2200)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2211)

<223> n equals a,t,g, or c

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<222> (2347)

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<222> (2384)

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<222> (2393)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (2401)

<223> n equals a,t,g, or c

<400> 719

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<210> 720

<211> 2541

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1149)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1209)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2527)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2538)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2540)

<223> n equals a,t,g, or c

<400> 720

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2541

<210> 721

<211> 2171

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1996)

<223> n equals a,t,g, or c

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<210> 722

<211> 1888

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (787)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1875)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1878)

<223> n equals a,t,g, or c

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aaaaaaaaa aaccncgngg ggggcccc 1888

<210> 723

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (968)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (972)

<223> n equals a,t,g, or c

<400> 723

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<210> 724

<211> 1812

<212> DNA

<213> Homo sapiens

<400> 724

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<210> 725

<211> 974

<212> DNA

<213> Homo sapiens

<400> 725

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974

<210> 726

<211> 1508

<212> DNA

<213> Homo sapiens

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<221> misc feature

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<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (309)

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<220>

<221> misc feature

<222> (360)

<223> n equals a,t,g, or c

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<210> 727

<211> 2004

<212> DNA

<213> Homo sapiens

<400> 727

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<210> 728

<211> 1470

<212> DNA

<213> Homo sapiens

<400> 728

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<210> 729

<211> 1755

<212> DNA

<213> Homo sapiens

<400> 729

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g t a g g a g a c a g a g g a t g t g a t g a t g g a g c t g c t g a a g a g a t c t c a c a t g c c c t a t t t g t t g 240
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a g a a g g t a t c t t a g a a g g g a g t g t g c g g a a t t c c t t g t g g a g a c c a g c t c c a t t c a a g t g 360
t c c t a c a t g c c g t a a g g a a a c t t c a g c t a c t g g a a t t a a t a g c c t g c a g g t t a a t t a c t c 420
c c t g a a g g g t a t t g t g g a a a g t a t a a c a a g a t c a a g a t c t c t c c c a a a a t g c c a g t a t g 480
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g g g a g a t g c t c t t c t c g c t t g g a t a c c t t g g a a c t a g t a a g a g g a a a t c c c t a c a g t t 720
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<211> 437

<212> DNA

<213> Homo sapiens

<400> 730

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<210> 731

<211> 3663

<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (3601)

<223> n equals a,t,g, or c

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<221> misc feature

<222> (3648)

<223> n equals a,t,g, or c

<400> 731

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<210> 732

<211> 2017

<212> DNA

<213> Homo sapiens

<400> 732

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<211> 2004
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<213> Homo sapiens

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<222> (2001)
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tacatacata ctgtatgaag cttgtcctct gactagggtt ctaatttcta tgtggaattt 1920
cctatcttgc agcatcctgt aaataaacat tcaagtccac ccttttcttg acttcaaaaa 1980
aaaaaaaaaa aaaaaagggtg nggc 2004

<210> 734
<211> 1128
<212> DNA
<213> Homo sapiens

<220>

<221> misc feature
<222> (1105)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1117)
<223> n equals a,t,g, or c

<400> 734
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tgacgagctt ttcttactt gtgtcactaa cggaccgttt atcatgagca gcaactcggc 180
ttctgcagca aacggaaatg acagcaagaa gttcaaaggt gacagccgaa gtgcaggcgt 240
cccctctaga gtgatccaca tccggaagct ccccatcgac gtcacggagg gggaaagtc 300
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ggtgacctt gtgtgcgcg gccagcccat ctacatccag ttctccaacc acaaggagct 480
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ggtccagtcg gggaacctgg ccttggtctgc ctccggcgcg gccgtggacg cagggatggc 600
gatggccggg cagagccccg tgctcaggat catcgtggag aacctcttct accctgtgac 660
cctggatgtg ctgcaccaga ttttctccaa gttcggcaca gtgttgaaga tcatcacctt 720
caccaagaac aaccagtcc aggcctgct gcagtatgcg gaccccgta gcgccagca 780
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<210> 735
<211> 772
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (661)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (693)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (699)
<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (741)

<223> n equals a,t,g, or c

<400> 735

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gagcgtacca aacctgcccc ccggttttgt agccccgatt ctctgtgttt tgctcccgtc 120
tccgacgaga gaggcggcga cggtggcgtc tgcgacggga gacagcgcgt cggagcgaga 180
gagcgtgctg cctgcgcgcc ccccaacagc ggagggcgcc cgccatcgg tcgtcaccag 240
accggagccg cagcctccc agcccggcca tccgtgcccc gctcccagat ctctatcctt 300
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ttggagcaag agtggtggtt ggccttcccc cgaagaaatt tggtaatcct ggggagcgtt 420
tgcgtaaaaa aaagtgggat ttgagt gaggc tccccagtt tgagaaaaat ttttatgttg 480
aacatccgga agtagcaagg ctgacacct atgaggttga tgagctacgc cgaaagaagg 540
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acttcccaca atatgtaatg gatgtgttga tggactcac cactttacag gataacatca 660
ngggtagact ttgacttgga gaaaaccaag atncttgcn gcttggtcct ggtggtggcc 720
cccatccca gctgtggcat ngcacacaca aggacacctt ttctaagtta tg 772
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<210> 736

<211> 1099

<212> DNA

<213> Homo sapiens

<400> 736

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ctcgggtggat ggtggctggt aakgccgacc ccgaaatgcc aaagaggatg tacattcacc 180
cggacagccc cgctactggg gaacagtgga tgtccaaagt cgtcactttc caaaaactga 240
aactcaccaa caacatttca gacaaacatg gatttacttt ggccttccca agtgatcacg 300
ctacgtggca ggggaattat agtttttggt ctcagactat attgaactcc atgcacaaat 360
accagccccg gttccacatt gtaagagcca atgacatctt gaaactccct tatagtacat 420
ttcggacata cttgttcccc gaaactgaat tcatcgctgt gactgcatac cagaatgata 480
agataaccca gttaaaaaata gacaacaacc cttttgcaaa aggtttcccg gacactggaa 540
atggccgaag agaaaaaaga aaacagctca ccctgcagtc catgagggtg tttgatgaaa 600
gacacaaaaa ggagaatggg acctctgatg agtcctccag tgaacaagca gctttcaact 660
gsttcgcccc ggcttcttct ccagcgcctt ccactgtagg gacatcgaac ctcaaagatt 720
tatgtcccag cgagggtgag agcgacgccg aggccgagag caaagaggag catggccccg 780
aggcctgcga cgcggccaag atctccacca ccacgtcgga ggagccctgc cgtgacaagg 840
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cggccgcaag cttattccc 1099
```

<210> 737

<211> 3219

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3212)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (3215)

<223> n equals a,t,g, or c

<400> 737

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cctccaaaaga aggaagtaaa aatctatgtg ggcctcagca aaatgcaaag ggaatgggtat 120
actcggatat taatgaagga tatagatata ctcaactcag caggcaagat ggacaaaatg 180
aggttattga acatcctaatt gcagttgagw raatgttgta atcatccata tctctttgat 240
ggagcagaac ctggtccacc ttatacaaca gatatgcata tagtaaccaaa cagtggcaaa 300
atggtggttt tagacaagct gtcctctaag ttaaaagaac aagggttcacg agtactaatc 360
ttcagtcaaa tgacaagggt attggacatt ttggaagatt attgcatgtg gagaaattat 420
gagtactgca ggttggtatg tcagacaccc catgatgaga gacaagactc catcaatgca 480
tacaatgaac caaacagcac aaagtttggt ttcatgttaa gcacgcgtgc tgggtggtctt 540
ggcatcaatc ttgcgactgc tgatgtagta attttgatg attctgattg gaatcccaa 600
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ttccgcttta taactgataa cactgtagaa gaaagaatag tagaacgtgc tgagatgaaa 720
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<210> 738

<211> 849

<212> DNA

<213> Homo sapiens

<400> 738

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cgggccgcgg cggggctgcc tggccggtgc tgttggggct gctgctggcg ctgttagtgc 120
cgggcggtgg tgccgccaag accggtgcgg agctcgtgac ctgcgggtcg gtgctgaagc 180
tgctcaatac gcaccaccgc gtgcggctgc actcgcacga catcaaatac ggatccggca 240
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tccgcggcgg ctcgaggggc ggggtgccgc gcgggtcccc ggtgcgctgc gggcaggcgg 360
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tatggacagt gcgctgctct ggacagcact gggagcgtga ggctgctgtg cgcttccagc 540
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aaggcatctt catcaagcct agtgtggagc cctctgcagg tcacgatgaa ctctgagtgt 720
gtggatggat ggggtgatgg agggtggcag gtggggcgtc tgcagggcca ctcttggcag 780
agactttggg tttgtagggg tcctcaagtg cctttgtgat taaagaatgt tggctatga 840
aaaaaagtc 849
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<210> 739

<211> 2069

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2046)

<223> n equals a,t,g, or c

<400> 739

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gaggggctta atgctgggga agggatgtct taaaagagga gaagctttta attagacgat 120
cgagaaaggc tgagggaatt gctatgaarg ggcgggagct gaagtgtaga ggactccttt 180
agacagcaga aagggaagc cgttgagaag ttcccttcaa actccacctg cctcctctcc 240
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aattcaaaact ccactccctt ctccaaaagt taaaaggaaa gccaaagttg ccacgctccc 300
ctgttcctac tcaataaata cttcttctac tccgccaccg ggaaaacaga aaaaaaaac 360
taatttcctt cccaatatta ggacttagaa aagctctagg tcccgcayt tgaatttttag 420
cctaggggaa tcaaaaatagt aggagcatta ctcttgtttc ctttttcaaa atccccacacc 480
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gctggctgat actgaaatag accttttctc tacagacatc cctcctacca acgcagtggg 660
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<210> 740

<211> 1567

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1532)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1548)

<223> n equals a,t,g, or c

<400> 740

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cgttccaga ggcgcattgca gcggctgata gagaagtaca accagccctt cgaggacacc 240
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<210> 741

<211> 2829

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (74)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1523)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1728)

<223> n equals a,t,g, or c

<400> 741

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ttaataagaa aaaaccataa aatttactgt ttttaaaaag ctgctctaag taatcagaca 180
gtcaaaaagag caggaatcag ctctccagga ggctctttg tctggggccg aggggatgag 240
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aaaaaaaaa 2829

<210> 742

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (30)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (460)

<223> n equals a,t,g, or c

<400> 742

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ctaggggaga agcccgggtt ggggctggtt tccggcctat gctgccctcc cagggggctc 180
cacagcggcc tctcagcacc ttctcccctg cccccaaggc cactactgatc ckaaaactcca 240
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caaagagcct gcctgttccc gccccacctg gggaaatggg gaccacgcct tctgctccac 360
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tgagtagaca cagcagcgag caaataggct tgataaatam ccccttccc ttccctccc 840
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gaccctggtg gccaagacag aagaga 926
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<210> 743

<211> 1017

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (599)

<223> n equals a,t,g, or c

<400> 743

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caagcagtgc cagagggcct cagaaaggga ttagggtaga tgattgcaac tgaaacacaa 840
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tcttctttct ttgccagggt attttggggg ttttgcccca aaatataccc tgggcatagc 900
attactgcag tcttgatgt ctaccccaaa ctccacacc atccttcgac ccacagctgc 960
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<210> 744

<211> 361

<212> DNA

<213> Homo sapiens

<400> 744

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cggagaaagg cgaggctttc gggctctgca gagtgcaggt tagcaagtgt ccggctccag 120
ccggcatgga ggatccacag agtaaagagc ctgccggcga ggcgtggct ctcgcgctgc 180
tggagtcgcc gcggccggag ggcggggagg agccgccgcg tcccagtcgc gaggaaactc 240
aacagtgtaa atttgatggc caggagacaa aaggatccaa gtccattacc tccagtgcga 300
gtgacttcag tgaccgggtt taaaaagaga ttgccattac gaatggctgt attaatagaa 360
t 361

<210> 745

<211> 1936

<212> DNA

<213> Homo sapiens

<400> 745

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caataaatac cactttttaa aatgacacat atttaaacac ttagaaaata aagttaacac 180
ttactgaagt gctagtacta aactgtgcta gtactaaaag aaaacagggt ggaacataca 240
tatagcctag catttataac agaattgttg aacgysygya aatgattttt tttttttttt 300
gcaaaggaaa aaattgatac tggaaaagat tgtgtgcat agttattagt catttgtaac 360
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aaatatagtc tatttcttga ctttgaactt aaagctttta tcataawttc tcatgtatac 480
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ctcgagacta gttctc 1936

<210> 746

<211> 1619

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1565)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1567)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1568)

<223> n equals a,t,g, or c

<400> 746

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tccgagtctc cgccgctgcg ggcccgctcc gacgcggaag atctgactgc agccatgagc 180
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gcccaagaga gagcgagagc aatgctgcta caactgtggc aaaccaggcc atctggctcg 480
tgactgcgac catgcagatg agcagaaatg ctattcttgt ggagaattcg gacacattca 540
aaaagactgc accaaagtga agtgctatag gtgtggtgaa actgggtcatg tagccatcaa 600
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tgaagtccta gaaaatagaa atgtaatttt aaactattcc aataaagctg gaggaggaaag 1560
ggganannaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaagg 1619

<210> 747

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (54)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (476)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (491)

<223> n equals a,t,g, or c

<400> 747

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gggagacata ggaggcattg ctcaaatac ctcctctcta ttcctgggca gaggcagtgt 360
ggcctccaat cggcacctyc tccaggctcg tgggcatcac ctgcattgtt aatgstacca 420
ttgagatccc taatttcaac tggccccaat ttgagtatgt taaagtgcct tggtnacat 480
gccccattgg nt 492

<210> 748

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (598)

<223> n equals a,t,g, or c

<400> 748

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ggaaattcta caagggcaag aagtacaagc ccctggacct gcggcctaag aagacacgtg 360
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tcgaaggggc ccaaagctta mcggtkgcat tscgaacgtc aataggttct cttccctnat 600
tag 603

<210> 749

<211> 2045

<212> DNA

<213> Homo sapiens

<400> 749

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actctctttg tgggcaacct tgaaacgaaa gtgaccgagg agctcctttt cgagcttttc 180
caccaggctg ggccagtaat aaaggtgaaa attccaaaag ataaggatgg taaaccaaag 240
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tccacatctc ctacgcgagg tacgaaagga ctatggataa catgacttca tcagcacaga 480
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gaaagagaga tgatttcttc tatgaagaca ggaatcatga tgactggagc catgactatg 840
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aaaaa 2045

<210> 750

<211> 1144
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1117)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1121)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1127)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1130)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1137)
<223> n equals a,t,g, or c

<400> 750
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tcggttggaag tggtgtttac agtaatcctt accaagataa catactgtcc tccagaatac 180
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ccaagggaaa acagacacca gaacttgggt tgagggcact accagactga catggccagt 660
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gcatacataa tagttaagag cttttattgt gacaggagaa cttttttcca tatgcgtgca 780
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gaac 1144

<210> 751
<211> 1598
<212> DNA
<213> Homo sapiens

<400> 751
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cttctgtcgg ccctgctctc tgctgccttc ctactcgtga ggaaactgcc gccgctctgc 180
cacggtctgc ccacccaacg cgaagacggg aaccggtgtg actttgactg gagagaagtg 240
gagatccctga tgttttctcag tgccattgtg atgatgaaga accgcagatc catgttcctg 300
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accattgatg aggaactaga acgggacaag agggtcactt ggattgtgga gttctttgcc 420
aattggctcta atgactgccca atcatttgcc cctatctatg ctgacctctc ccttaaatac 480
aactgtacag ggctaaattt tgggaagggt gatgttggac gctatactga tgtagtacg 540
cgttacaagg tgagcacatc acccctcacc aagcaactcc ctaccctgat cctgttccaa 600
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aagaaactat caaaggctgg agacaatatc cctgaggagc agcctgtggc ttcaaccccc 780
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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaag 1598

<210> 752
<211> 1485
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (243)
<223> n equals a,t,g, or c

<220>
<221> misc feature
<222> (1382)
<223> n equals a,t,g, or c

<220>
<221> misc feature

<222> (1429)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1436)

<223> n equals a,t,g, or c

<400> 752

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<210> 753

<211> 1756

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1740)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1756)

<223> n equals a,t,g, or c

<400> 753

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tgtgggggct caaggttctg ctgctacctg tggtagctt tgctctgtac cctgaggaga 180
tactggacac ccactgggag ctatggaaga agaccacag gaagcaatat aacaacaagg 240
tggaatgaaat ctctcggcgt ttaatttggg aaaaaaacct gaagtatat tccatccata 300
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tgaccagtga agaggtgggt cagaagatga ctggactcaa agtaccctg tctcattccc 420
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atcgaaagaa aggatatgtt actcctgtca aaaatcaggg tcagtgtggg tctgttggg 540
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atctgagtc ccagaacctg gtggattgtg tgtctgagaa tgatggctgt ggagggggct 660
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aaaaaaaaa aaaaaan 1756
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<210> 754

<211> 1795

<212> DNA

<213> Homo sapiens

<400> 754

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agctgcagca gacggaccca acgctgttgt cagtagtggt ggcggttctt gcgggtgctg 180
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tgaagaatac accatcattc ttaatagcct gcaataagca agatattgca atggcaaaat 600
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gcaaaagatt tgaattctca cagttgcccc tcaaagtgga gttcctggag tgcagtgcc 780
agggtggaag aggggacgtg ggctctgctg acatccagga cttggagaaa tggctggcta 840
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<210> 755

<211> 1280

<212> DNA

<213> Homo sapiens

<400> 755

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aacccaaggc aaagatagca gagaatcctg ccaaccacc agtgggtggg aaagcaaaga 180
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taacaacaca agatattttt gaggatgata tatttgctac ggaagcaatt aaacctctct 420
agaaaaccag agagaaggag aaaacattgg aatctaattt atttgatgat aacattgata 480
tctttgctga cttaactgta aaacaaaaag aaaagtccaa aaagaaaagt gaagccaagt 540
ctatatattg tgatgatatg gatgacatct tctcctctgg tatccaggct aagacaacca 600
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<210> 756

<211> 3665

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3654)

<223> n equals a,t,g, or c

<400> 756

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gccccatatcg ctgctcctgc agttgcggaac gccaccgacc ccgccgccgg aggactgggc 180
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agaaa 3665
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<210> 757

<211> 1221

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1071)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1081)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1201)

<223> n equals a,t,g, or c

<400> 757

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agttctcgcc accaaagtcc ttggcactgt caaatggttc aacgtcagaa atggatatgg 180
atttataaat cgaaatgaca ccaaagaaga tgtatttgta catcagactg ccatcaagaa 240
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<210> 758

<211> 631

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (630)

<223> n equals a,t,g, or c

<400> 758

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tgaagaagaa atcggttcac ataagaagga gattgagcgt ctgcagaaag aaattgagcg 420
ccataagcag aagatcaaaa tgctaaaaca tgatgattaa gtgcacaccg tgtgccatag 480
aatggcacat gtcattgccc acttctgtgt agacatgggt ctggtttaac taatatttgt 540
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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa c 631
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<210> 759

<211> 2496

<212> DNA

<213> Homo sapiens

<400> 759

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<210> 760

<211> 2048

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1957)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1963)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (2006)

<223> n equals a,t,g, or c

<400> 760

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<210> 761

<211> 1757

<212> DNA

<213> Homo sapiens

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<222> (1728)

<223> n equals a,t,g, or c

<400> 761

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<211> 4448

<212> DNA

<213> Homo sapiens

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<221> misc feature

<222> (3)

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<220>

<221> misc feature

<222> (920)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (4433)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (4446)

<223> n equals a,t,g, or c

<400> 762

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<210> 763

<211> 2890

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (20)

<223> n equals a,t,g, or c

<400> 763

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<210> 764

<211> 1703

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (368)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (860)

<223> n equals a,t,g, or c

<400> 764

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aggcgctgt gggccaaggc gat 1703
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<210> 765

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (156)

<223> n equals a,t,g, or c

<400> 765

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attgcaaagc ttaagtaaaa acaagtctcg accganatcc ttcagatga gagatttggg 180
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caaaaccttt ctccaggacc tt 262
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<210> 766

<211> 3072

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3072)

<223> n equals a,t,g, or c

<400> 766

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csaagaagag gaagaagacc aagrgccacc atgccccagg ctgagcaggg agctgtgtga 180
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aagaagggga agaagatcaa agaaggaag aagaagggga agaaaagaag gggaagaaga 420
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<210> 767

<211> 1321

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1321)

<223> n equals a,t,g, or c

<400> 767

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catcttcgtg gggaacacga cccttatcga cgaggacgtg tatcgccctt ggctcgatgg 180
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n 1321

<210> 768

<211> 1532

<212> DNA

<213> Homo sapiens

<220>
<221> misc feature
<222> (1523)
<223> n equals a,t,g, or c

<400> 768
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<210> 769
<211> 2569
<212> DNA
<213> Homo sapiens

<400> 769
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<210> 770

<211> 1637

<212> DNA

<213> Homo sapiens

<400> 770

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aaaaaaaaa aactcga 1637

<210> 771

<211> 2485

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2479)

<223> n equals a,t,g, or c

<400> 771

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```

<210> 772

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (378)

<223> n equals a,t,g, or c

<400> 772

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accgtgggcc ctcacagcat tgccctacct cccgaggata ggacagtcaa agacagcacc 180
ccaagtcttc tggactcaga tcctctgatg gccatgctgc tgaaacttca agaagctgcc 240
aactacattg agtctccaga tcgagaaacc atcctggacc ccaaccttca ggcaacactt 300
taagggttcg gcaatcactg tcacccccgg acagcagaac gcttggcatc agcttatctt 360
tagctcctcc ttcttcnct tctccttctt ttcaagagca cttggctctt ccagccccaa 420
ggaggaagaa ca                                     432

```

<210> 773

<211> 1048

<212> DNA

<213> Homo sapiens

<400> 773

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ttagcagagt accactagta atgcacaaac atgtacaata tggtcattca taaccgattt 180
ttatagaata ctttttacat gtgcaactcc atccggtatg taaggattac atgaatattg 240
cacattccct tctggtttca caaacccatt tatacatatt tcttagtgag gctcattgta 300

```

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catgtattga agctagaatc gagtcaagaa aaataaagcc ccattctcca actgcaaaat 360
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cagtaaaaaa taaaaacaac aagttgtcta aaatgcaaca gcttttatag taaatgtaca 1020
tttataaata aaatactcaa atcaaaaa 1048

```

<210> 774

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (971)

<223> n equals a,t,g, or c

<400> 774

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tacagccacg atcgscacac tacagaagaa cgcggcagcc gcggccgccg tgtatggagg 180
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gccaacattg aaaagacttg ccgcacttct gagtccaaac actggaaagc tctcctttgc 960
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```

<210> 775

<211> 2248

<212> DNA

<213> Homo sapiens

<400> 775

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```

```

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```

<210> 776

<211> 1605

<212> DNA

<213> Homo sapiens

<400> 776

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```

<210> 777

<211> 1808

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1457)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1806)

<223> n equals a,t,g, or c

<400> 777

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<210> 778

<211> 1484

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1405)

<223> n equals a,t,g, or c

<220>

<221> misc feature

<222> (1479)

<223> n equals a,t,g, or c

<400> 778

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<210> 779

<211> 1343

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1313)

<223> n equals a,t,g, or c

<400> 779

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<210> 780

<211> 453

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agacactgtc tctacaaaaa aaaggaagga agggacacat atcaaactgn aacaaaatta 180
gaaatgtaat tatgttctaa gtgcctccaa gttcaaaact tattngaagtg ttgagagttt 240
ggttacggaa ttcggttngg ggggccaaaag ggttgtttta gntttttaat nccggtntnt 300
ttcgggnaac ccttggggaat ttttggggct ccttgtagnn nncccccttt nggagggggg 360
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aagagagcga gaccctgtct caataaataa ataaataaat aaataaataa ataaataaaa 180
acaaaagttga ttaagaaagg aagtataggc caggcacagt ggctcacacc tgtaatcctt 240
gcattttgga aggctgaggc aggaggatca cttaggcct ggtgtgttca agaccagcct 300
ggtcaacata gtgaggacac tgtctcttac caaaaaaagg aggggaaggga cacatttcaa 360
atgaaacaaa ttagaatggt atttatgttc taagtgcctc cagttcaaaa ttttttggt 420
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tcctgcctcc gctcctgag tagctgggat tataggcaca caccaccacg cccagctaat 180
tttttgattt tttagtagag acagagtctt accatgttg ccaggctgg cttggaactc 240
ctggaccttg tggatccacc cacctcgcc tccagagtg ctggggatta cagggcattga 300
gccaccacgg cttgggctna aggaacacct aanttttatg tttctgggn tcaaaaacca 360
gtttccattc nnangttgtc ctcaacagan gggtantgg ggtggagaca gcaggggagg 420
gagggagag ngtggttgt aantggtca antcaggcan taagcgattt tagctttaat 480
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agcgggctga cgggcgcacg gtcaagatgn aggtggacta cagcgccacg gtggatcagc 180

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gcctacccga gtgtgcgant agccaaggaa ggaagacttc aagaagtcac tgaaaccctt 240
ctctctctgg aaaagcagac tcgtactgct tccgatatgg tatcgacatc ccgtatctta 300
gttgccagta gtggaagatg tgctaatan ggctaaaaga atgggattta anttaatgna 360
aatgatttat gcntttgtcc caaaaggcgg attcagttta aaacaagctg ttgccccaaa 420
tggttncaac atggncgtac nttatgtttg aaggaaantc acagaacntt cccatccaaa 480
cnttngattn aattgataat cccacgaatg ggtttaccga ggccaagatt ttatgttgga 540
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aagcgtgaca ttcaggaaaa cgatgaagag gcagtgcgaag tcaaagagca gagcatcctg 180
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gagcagggtt tccccttgga cctcggagca agtttcaccg aagatgctcc cccgancccn 180
agtgcctggt gaggagggag aactggtgtc cacagaccgc aggcccgcca gctacagttt 240
ctgctccggg naangtggtg gcattaaagg tgagacttcg acggccactc cgaagcgctc 300
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 ccctctgcag caatggccac cggcgggctg ccacacggac ttccccctgg ggacggcant 180
 tccccagcag gacttacccc ggaccctggg tcttgaggga agtgctgagc agcaggggac 240
 tgttcacctt gccctgccgg ttctcctnccg ggtttccatc cccacccggg ggcccaattt 300
 acccatnnct ttccctngcc ccattcagat gcagccgnaa gttnccgnc gttncattaa 360
 ccaaggggtt tatgccaaacc ggttnctgga tgccaaagga ggcccaagtc aaaggggggn 420
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gctaaaaatcc ttatttgctc ggaaagtga tccaagaaaa gatgccact ccaatctcct 180
atccaaaaaag gaaacaagca atctatacaa attacagttt cacaatgtta aaccggaatg 240
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agttttctat gcccagtggt cctgacttcg aaacgctatt ctacacaggt cagctcttca 180
tcagcacttg taatggggag cacattcgat atgcaacaga cacttttgct gggctttgcc 240
atcagctaac aaatgcactt gtggaaagaa aacagcccct gcgaggaatt ggcataccta 300
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tccacctctg gggcgcatc caaccttcca gcctgcgacc tgcggagaaa aaaaattact 180
tattttcttg ccccatacat accttgaggc gagcaaaaaa attaaatttt aacctgagg 240
gaaatcgtgc acatccaggc tggtcagtgt ggcaaccaga tcggtgccaa gttctgggag 300
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<212> DNA
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tgcgttttgg gccgggggtc gcttttcgcg cgcccagcat tcacgggggc tccggcggcc 180
gcggcgatc cgtgtcctcc gcccgcttg tgctcctgct ctctcgggg ggctacggcg 240
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caggctatat ttgaaatact ggagaaatcc tggttgcccc agaattgtac actggttgat 180
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<220>
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<222> (233)